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1. Central Fax	USPTO	(571) 273-8300	
Date	Client/Matter Number		
January 20, 2006	211843-00032		
From	Attorney Number		
John S. Paniaguas	32347		
Phone	Fax		
312.902.5312	312.577.4532		
Total number of pages, including cover letter: 11 If you do not receive all of the pages, please call: 312.577.8597			

Re: U.S. Patent Application No. 10/519,699  
Attorney Docket No. 211843-00032

## Please find attached:

1. Request for Corrected Filing Receipt (2 pages);
2. Marked-up copy of page 1 of the official filing receipt (1 page);
3. Correction of Entry Status and Payment of Fee Deficiency (2 pages);
4. Declaration (2 pages); and
5. Preliminary Amendment (3 pages).

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office ((571) 273-8300) on January 20, 2006.

  
Kristie Beveridge**For Messenger Department Use Only**

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PATENT  
Attorney Docket No. 211843-00032

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

Application No.: 10/519,699  
I.A. Filing Date: June 26, 2003  
Inventor(s): Horsky, et al.  
Title: Ion Implantation Device and a Method of Semiconductor Manufacturing  
by the Implantation of Boron Hydride Cluster Ions  
Group Art Unit No.: 2881  
Confirmation No.: 6928

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

Please correct the attached, marked-up copy of page 1 of the official filing receipt as follows:

Under "FIL FEE REC'D": delete "1440" and insert --2880-- therefor (see the attached "Correction of Entity Status and Payment of Fee Deficiency" filed by facsimile on September 14, 2005, which confirms the correct filing fee amount of \$2880);

The customer number (and its corresponding address) should be changed from "27180" to --27160-- (see the attached copy of the Declaration filed on September 14, 2005, which provides a customer number of 27160);

Under "Applicant(s)": delete "Bozborough" and insert --Boxborough-- therefor, and delete "Dale Jacobson" and insert --Dale C. Jacobson--therefor (see the attached copy of the Declaration filed on September 14, 2005, which sets forth the correct applicant data); and


Application No. 10/519,699  
Attorney Docket No. 211843-00032  
January 20, 2006  
Page 2

Under "Domestic Priority data as claimed by applicant": after "04/18/2003" insert --and is a CIP of 10/183,768 06/26/2002-- (see the attached Preliminary Amendment filed herewith, which amends the priority claim in the specification).

Respectfully submitted,

KATTEN MUCHIN ROSENMAN LLP

By:

  
John S. Paniaguas  
Registration No. 31,051  
Attorney for Applicant(s)

Katten Muchin Rosenman LLP  
525 W. Monroe Street  
Chicago, Illinois 60661-3693  
Telephone: (312) 902-5200  
Facsimile: (312) 902-1061



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FLING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/519,699	09/14/2005	2881	1490	211843-00032	36	39	7

CONFIRMATION NO. 6928

## FILING RECEIPT



"0C00000017610367"

Date Mailed: 01/11/2006

~~27180~~ 27160

~~1819 PHARMACEUTICALS INC.~~  
~~1830 RUTHERFORD RD.~~  
~~SARASOTA, FL 34236~~

PATENT ADMINISTRATOR  
KATTEN MUCHIN ROSENMAN  
525 W. MONROE ST.  
CHICAGO, IL 60661-3693

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

*Boxborough*  
Thomas N. Horsky, Boxborough, MA;  
Dale Jacobson, Salem, NH;

Power of Attorney: The patent practitioners associated with Customer Number 27180.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US03/20197 06/26/2003  
which claims benefit of 60/483,965 04/18/2003 AND IS A CIP OF 10/183,768  
06/26/02

## Foreign Applications

Projected Publication Date: 04/20/2006

Non-Publication Request: No

Early Publication Request: No

## Title

Ion implantation device and a method of semiconductor manufacturing by the implantation of boron hydride cluster ions

**PATENT**  
Attorney Docket No. 211843-00032

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

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Application No.: 10/519,699  
Filing Date: December 23, 2004  
Art Unit: Not yet received.  
Confirmation No.: 6928  
Inventor(s): Horsky  
Title: An Ion Implantation Device and a Method of Semiconductor Manufacturing  
by the Implantation of Boron Hydride Cluster Ions

**CORRECTION OF ENTITY STATUS AND PAYMENT OF FEE DEFICIENCY**

Sir:

This communication serves to notify the U.S. Patent and Trademark Office of a correction to the entity status of the instant application and to pay the balance of deficient fees.

On the date of filing, December 23, 2004, it was believed in good faith that the application qualified for small entity fees. However, it is now apparent that small entity status was claimed (and small entity fees were paid) in error.

In order to correct the error, the deficiency owed is itemized in accordance with 37 CFR § 1.28(c)(2)(ii) as follows:

Serial No. 10/519,699  
Page 2

TYPE OF FEE ERRONEOUSLY PAID AS A SMALL ENTITY	CURRENT FEE AMOUNT FOR A NON-SMALL ENTITY	SMALL ENTITY FEE ACTUALLY PAID/ DATE OF PAYMENT	DEFICIENCY OWED AMOUNT
Basic National Fee	\$300	\$150 December 23, 2004	\$150
Examination Fee	\$200	\$100 December 23, 2004	\$100
Search Fee	\$300	\$150 December 23, 2004	\$150
Law oath/declaration swearings	\$130	\$65 December 23, 2004	\$65
Total claims	\$930	\$475 December 23, 2004	\$475
Independent claims	\$600	\$400 December 23, 2004	\$400
<b>TOTAL</b>			<b>\$1,440.00</b>

The Commissioner is hereby authorized to charge \$1,440.00 for the payment of the deficiencies to Deposit Account No. 50-1214. The Commissioner is also hereby authorized to charge any additional deficiencies in the payment of the fees or credit any overpayment to Deposit Account No. 50-1214. A duplicate copy of this notification is enclosed.

Date: 9-14-05

By: John S. Pennington  
John S. Pennington  
Attorney for Applicant(s)  
Reg. No. 31,051

Doc # C1001 (2) 10-03-000127 50297800-2.00 140000/7mm 1222

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